

Invention Disclosure

Sheet 34 of 40

Inventor: Curtis Jude Martin
Address: 1640 Franklin Avenue - Kent, Ohio 44240-4383 - USA
Title of Invention: E.V.E. emergency vehicle environment

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Claims

What the invention disclosed is:

1. A system of frequency modulating devices for unobstructing
the path of emergency vehicles comprising:

a transmitter to be used by an emergency vehicle;

the transmitter is automatically actuated by the use of the
siren in the emergency vehicle;

the transmitter automatically adjusts the strength of its
signal;

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Inventor: Curtis J. Martin Date: 8/7/04

Application/Control No.:
10/002,569

The above confidential information is Witnessed and Understood:

Ashley Steff Date: 8-07-04
Sue Conery Date: 8/9/04

Group Art Unit: 2632

Examiner: Daniel Previl

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the transmitter automatically, directionally delivers its signal
to one sector of what an undirected/omni-directional signal
would be;

a receiver to be used by a non-emergency vehicle, automatically
actuates an intermittent warning light when a signal is received
from the transmitter;

a receiver housed in a conventional traffic light fixture, which
automatically actuates an intermittent warning light when a
signal is received from the transmitter.

2. A system of FM radio devices for unobstructing the path of
emergency vehicles comprising:

a transmitter to be used by an emergency vehicle;

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the transmitter employing a condenser microphone for automatic
actuation by the use of the siren in the emergency vehicle;

the transmitter employing an accelerometer to control its
transmission signal's strength/length;

the transmitter employing a directional antenna to control its
transmission signal's width;

a receiver to be used by a non-emergency vehicle, which actuates
an intermittent warning light when a signal is received from the
transmitter;

a receiver housed in a conventional traffic light fixture, which
actuates an intermittent warning light when a signal is received
from the transmitter.

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3. A system of dedicated-channel, analog-based, FM radio devices for unobstructing the path of emergency vehicles comprising:

a dedicated-channel, analog-based, FM radio transmitter placed in the interior (such as on the dashboard) or on the exterior (such as the light bar) of an emergency vehicle (the "EVE Transmitter").

the EVE Transmitter is manually activated, or by employing its condenser microphone, automatically actuated by the use of the siren in the emergency vehicle;

the EVE Transmitter controls its transmission signal's length by employing an accelerometer;

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the EVE Transmitter controls its transmission signal's width by
employing a directional antenna;

a stand-alone, miniature, dedicated-channel, analog-based, FM
radio receiver placed in (such as on the dashboard) a non-
emergency vehicle (the "EVE Mini-Receiver"), which actuates an
intermittent (blinking or strobe), warning light when a signal
is received from the EVE Transmitter;

an integrated, miniature, dedicated-channel, analog-based, FM
radio receiver placed in (such as in the dashboard) a non-
emergency vehicle (the "EVE Icon-Receiver"), which actuates an
intermittent (blinking or strobe), warning light when a signal
is received from the EVE Transmitter;

a dedicated-channel, analog-based, FM radio receiver housed in a
conventional traffic light fixture or similarly appearing

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fixture (the "EVE Traffic-Receiver"), which actuates an
intermittent (blinking or strobe), warning light when a signal
is received from the EVE Transmitter.

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